

OFFICE OF NUCLEAR

NFPA 805, 10 CFR 50.48(c), Performance-Based Fire Protection Rule

What Is NFPA 805?

In 2004, the NRC modified its regulations to allow licensees to adopt, on a voluntary basis, National Fire Protection Association (NFPA) Standard 805, "Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants" (NFPA 805), instead of its existing fire protection licensing basis.

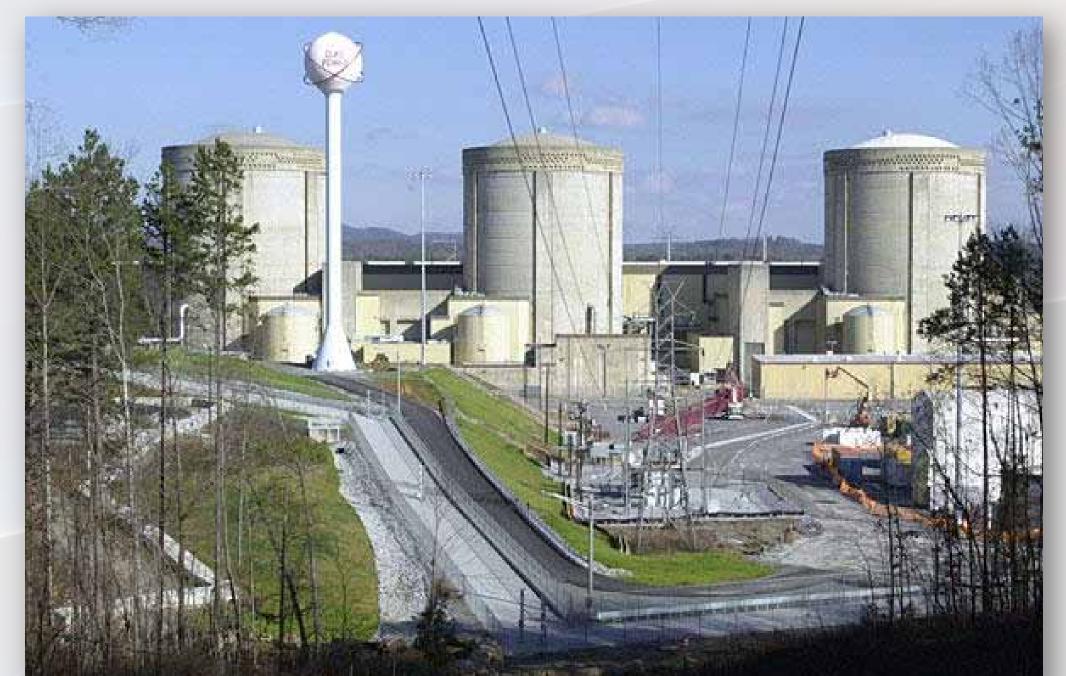
What Will NFPA 805 Accomplish?

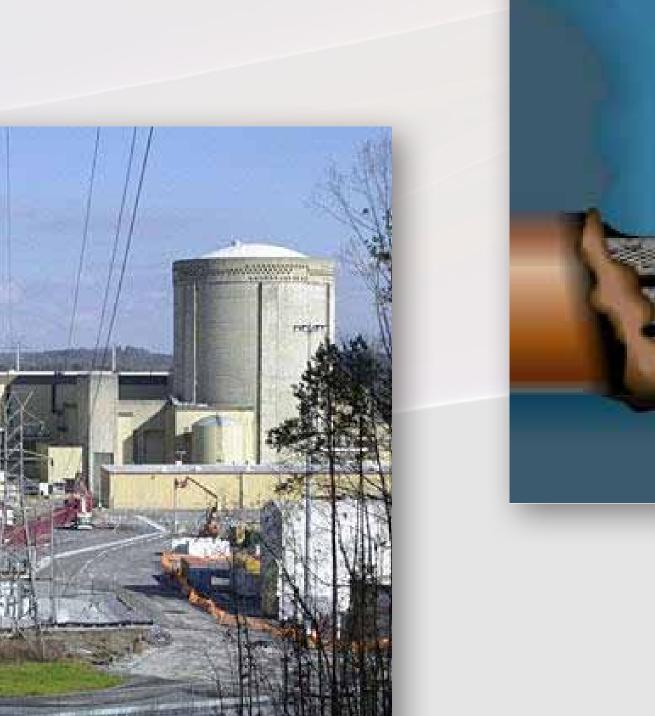
Implementing a risk-informed, performance-based fire protection program in accordance with NFPA 805 can lead to improvements in reactor safety as a result of risksignificant modifications. NFPA 805 will also reduce the need for future exemptions and unnecessary regulatory burden associated with the current fire protection approaches that will maintain reactor safety while adding appropriate flexibility to licensees' fire protection activities.

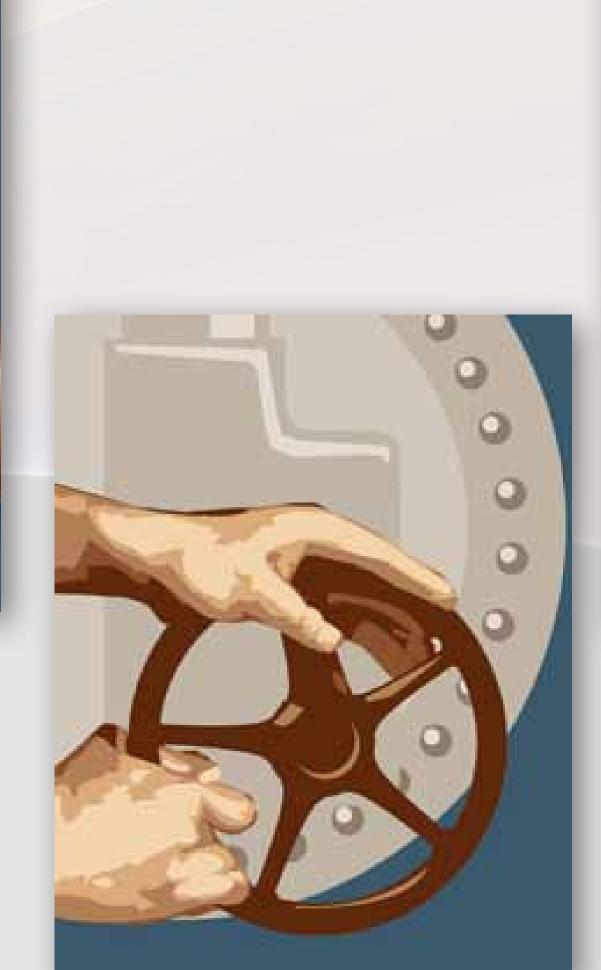
What Plants Are Transitioning to NFPA 805?

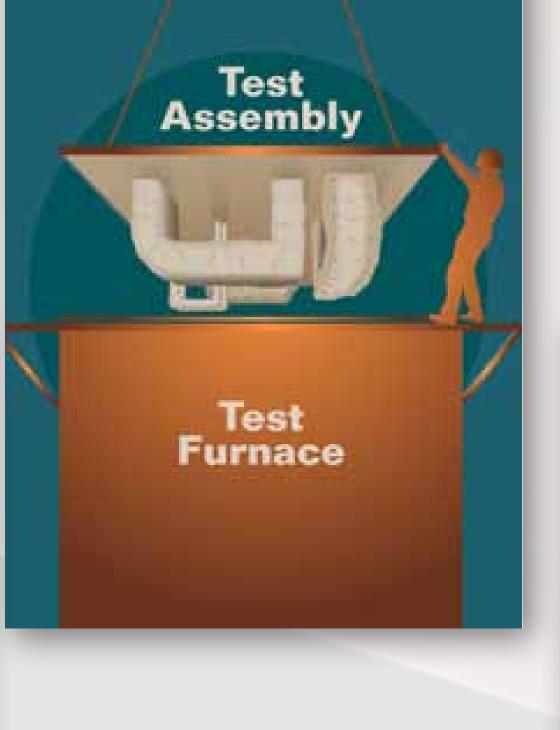
DC Cook 1 & 2, Duane Arnold, Callaway, Fort Calhoun, Summer, Waterford 3, Arkansas Nuclear One 1 & 2, Cooper, Turkey Point 3 & 4, Nine Mile Point 1, Prairie Island 1 & 2, Farley 1 & 2, Brunswick 1 & 2, Palisades, Browns Ferry 1, 2, & 3, St. Lucie 1 & 2, San Onofre 2 & 3, Ginna, Point Beach 1 & 2, Diablo Canyon 1 & 2, McGuire 1 & 2, Catawba 1 & 2, Robinson, Calvert Cliffs 1 & 2, Beaver Valley 1 & 2, Davis-Besse.













Two License Amendments Issued in 2010 for Pilot Plants Fourteen License Amendment Requests Submitted

Status of Plants Transitioning to

NFPA 805 as of January 2013

Eleven License Amendment Requests under Technical Review

Nine Onsite Audits Conducted

Four Amendments Scheduled To Be Issued in 2013

Eight Amendments Scheduled To Be Issued in 2014

Fourteen Additional License Amendment Requests expected by July 1, 2014

All Amendments (28) Scheduled to be Issued by June 30, 2016.

Challenges Associated with the NFPA 805 Reviews

28 License Amendments are Scheduled To Be Submitted in a 3 Year Period, Each with a 2 Year Review Timeline

Coordination of Technical Reviews between Several Technical Disciplines

Coordination of Regulatory Site Audits for Each Applicant

Schedule Impacts Due To The Use of Unaccepted Analysis Methods

Calculation of Changes in Risk from a Compliant Plant Configuration

